

Attorney Docket No.: M-11805 US  
 First Inventor: Nader Mohsenian  
 Serial No.: 10/027,617  
 Filing Date: October 22, 2001  
 Title: Video Data De-Interlacing Using Perceptually-Tuned  
 Interpolation Scheme

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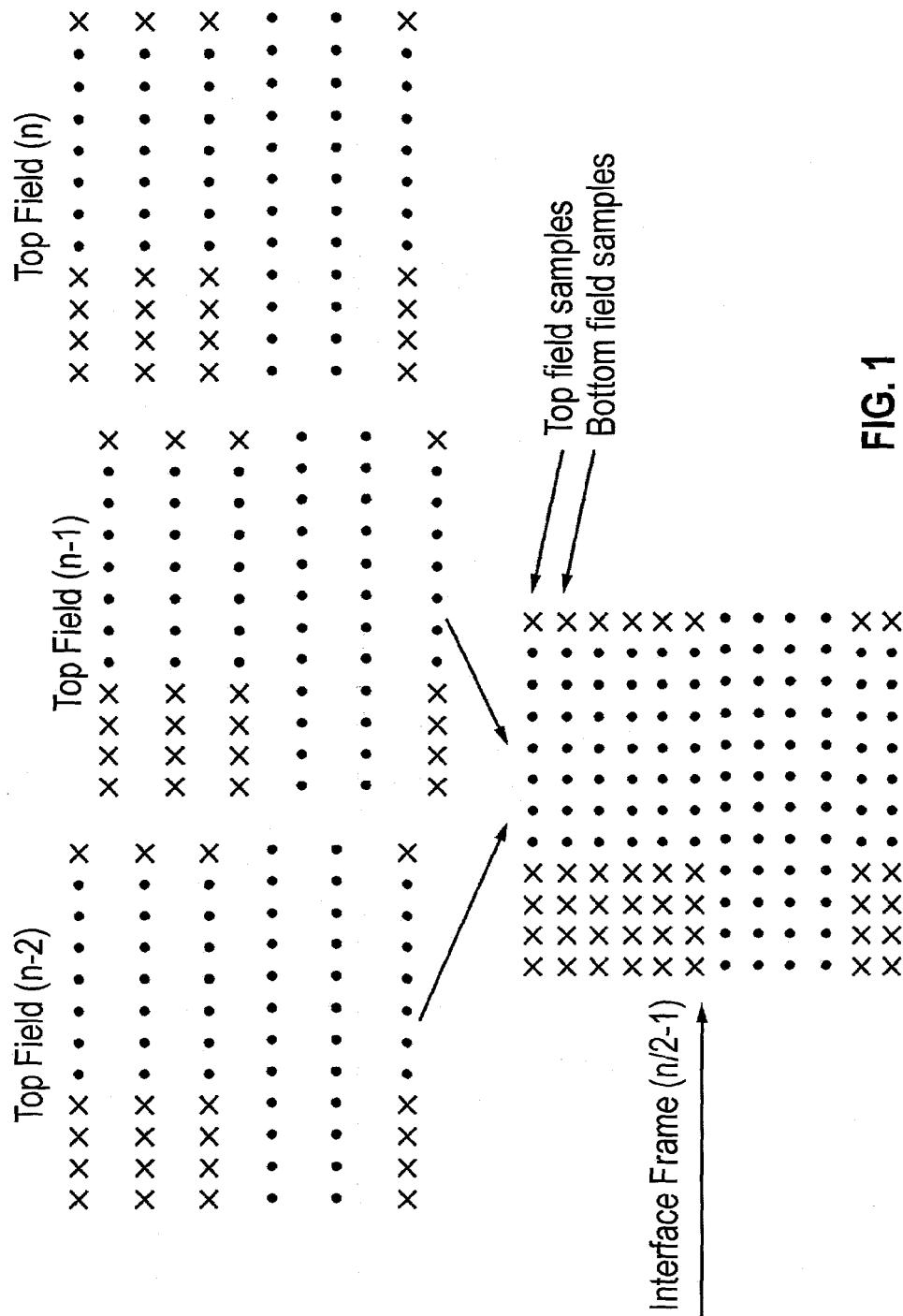


FIG. 1

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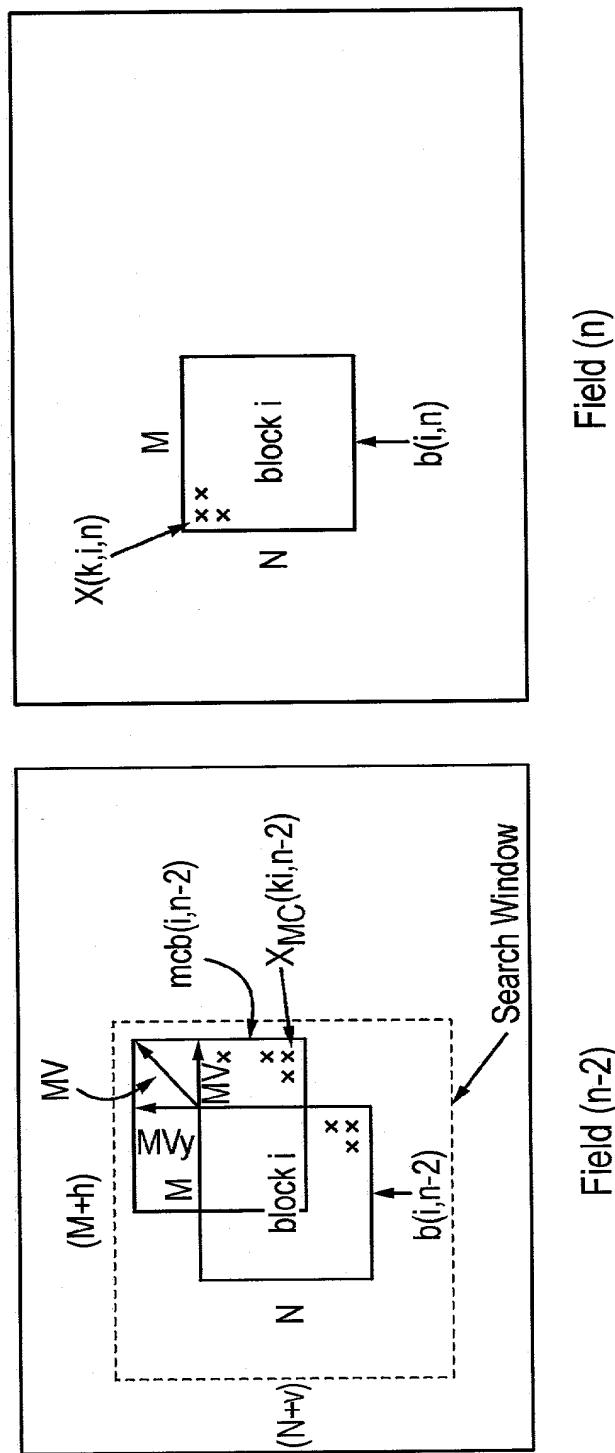


FIG. 2

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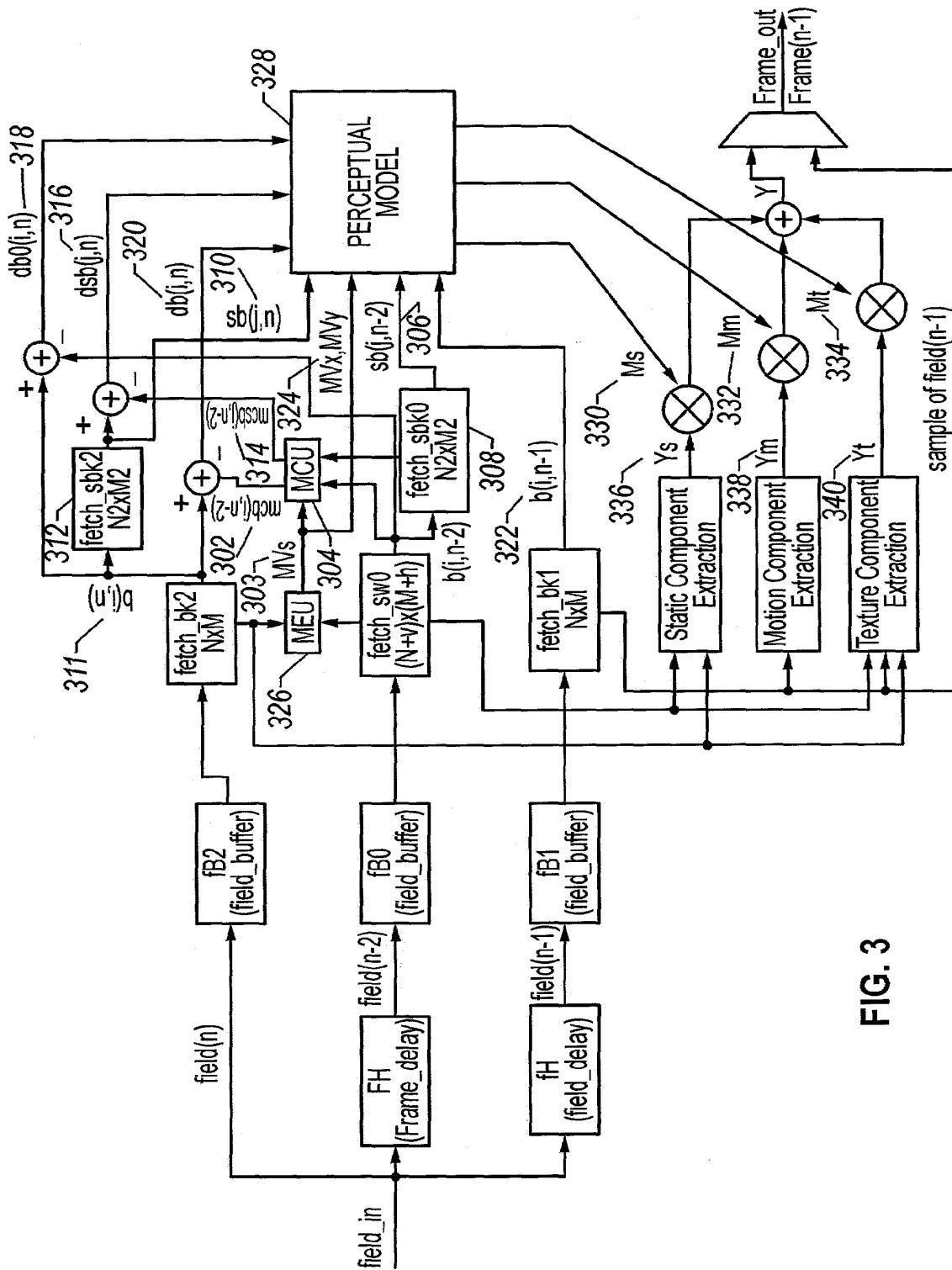
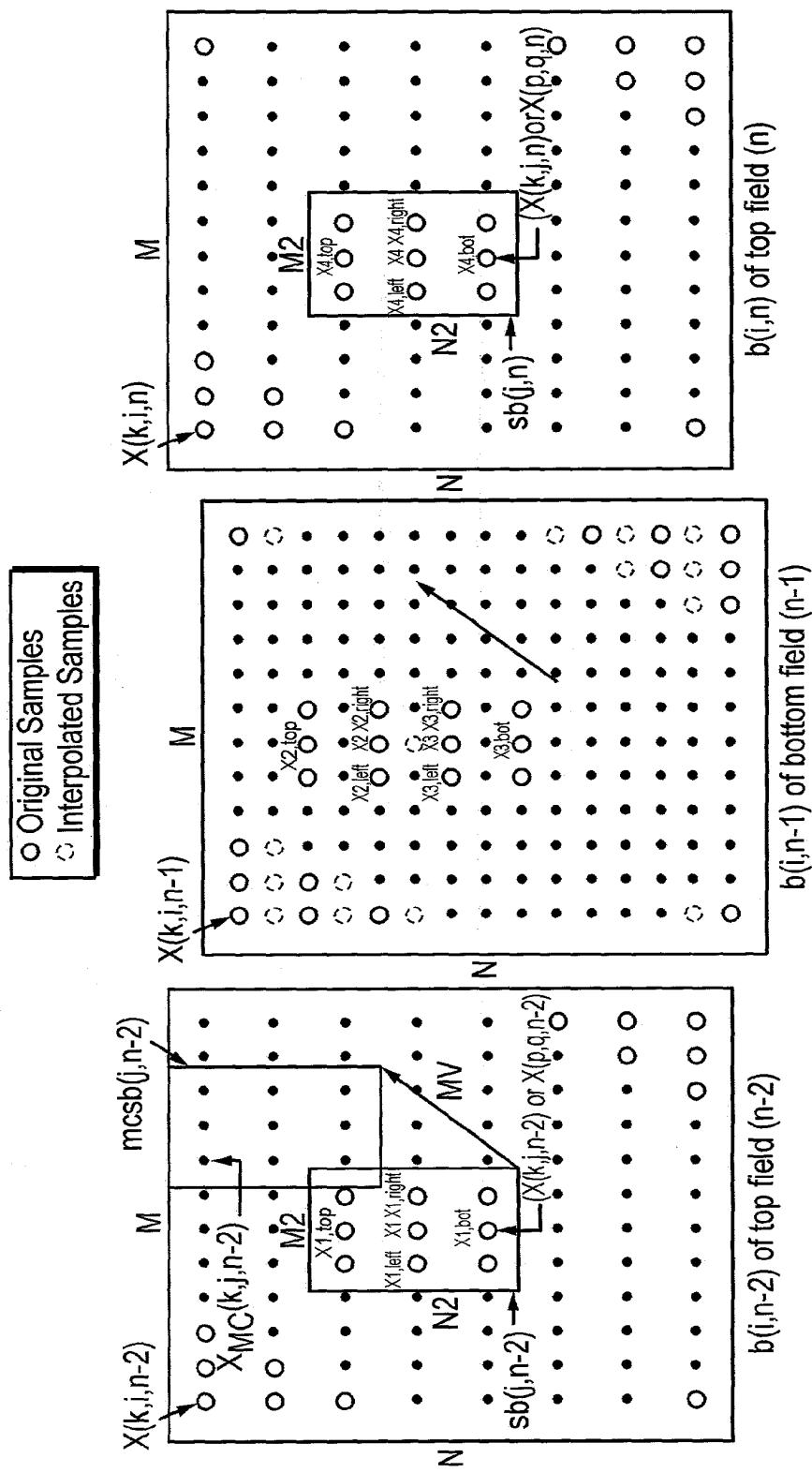


FIG. 3

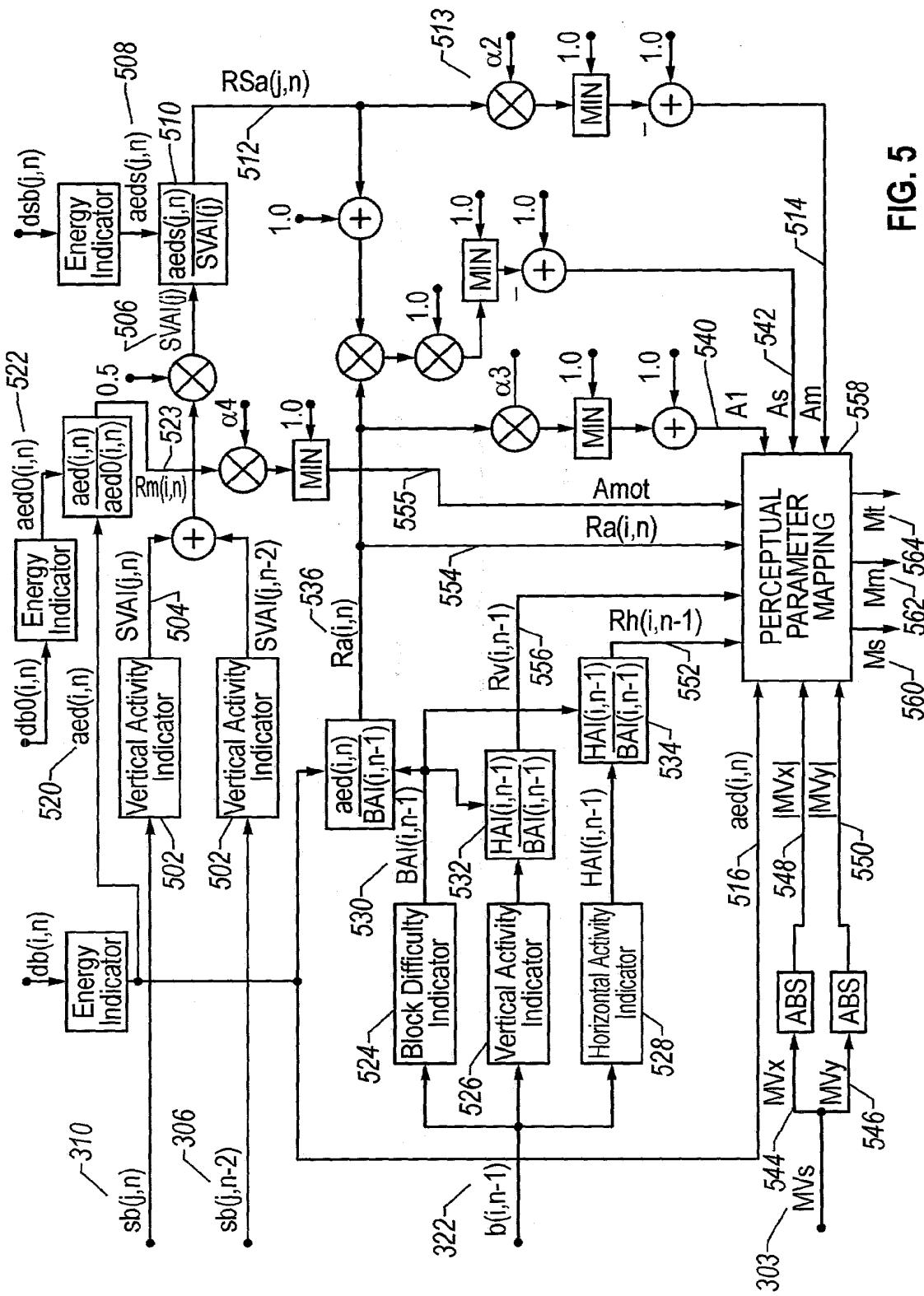
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**FIG. 4**

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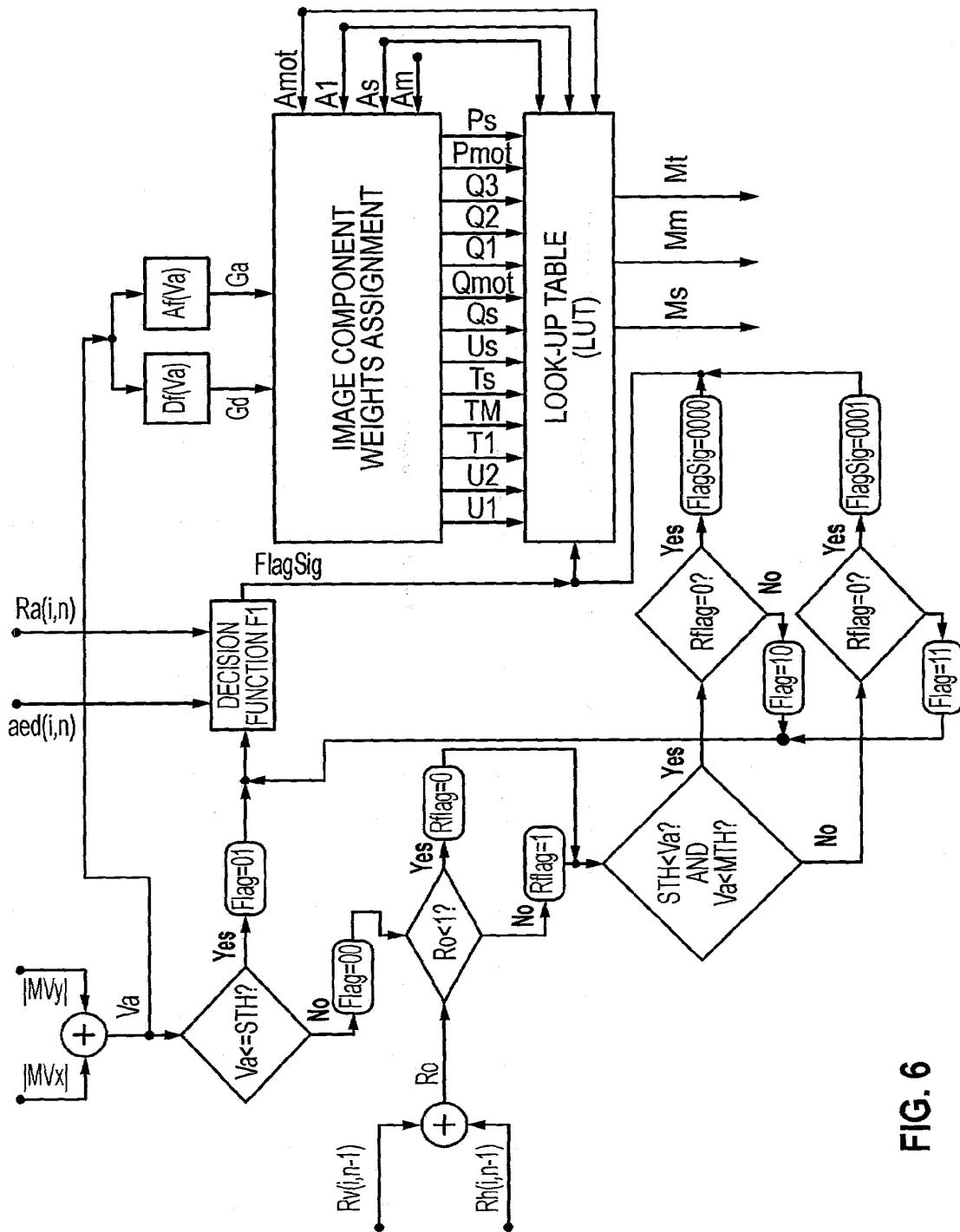


FIG. 6

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FlagSig	Ms	Mm	Mt
0000	0	U2	Ts
0001	0	Q3	Amot
0100	A1	Q1	0
0101	0	Q2	As
0110	Ps	Q2	Qs
1000	T1	U1	0
1001	0	U2	Ts
1010	Tm	U2	Us
1100	Amot	Q3	0
1101	0	Q3	Amot
1110	Pmot	Q3	Qmot

FIG. 7

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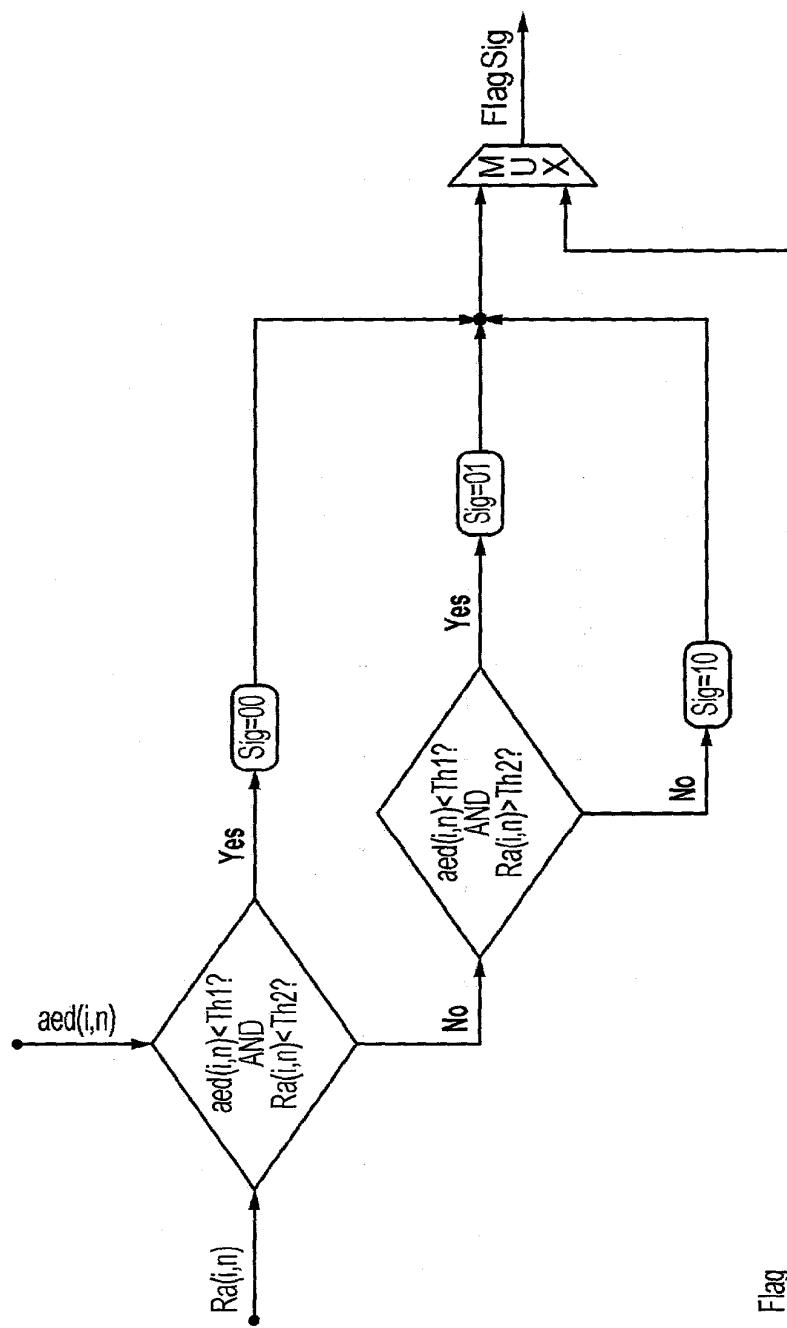


FIG. 8

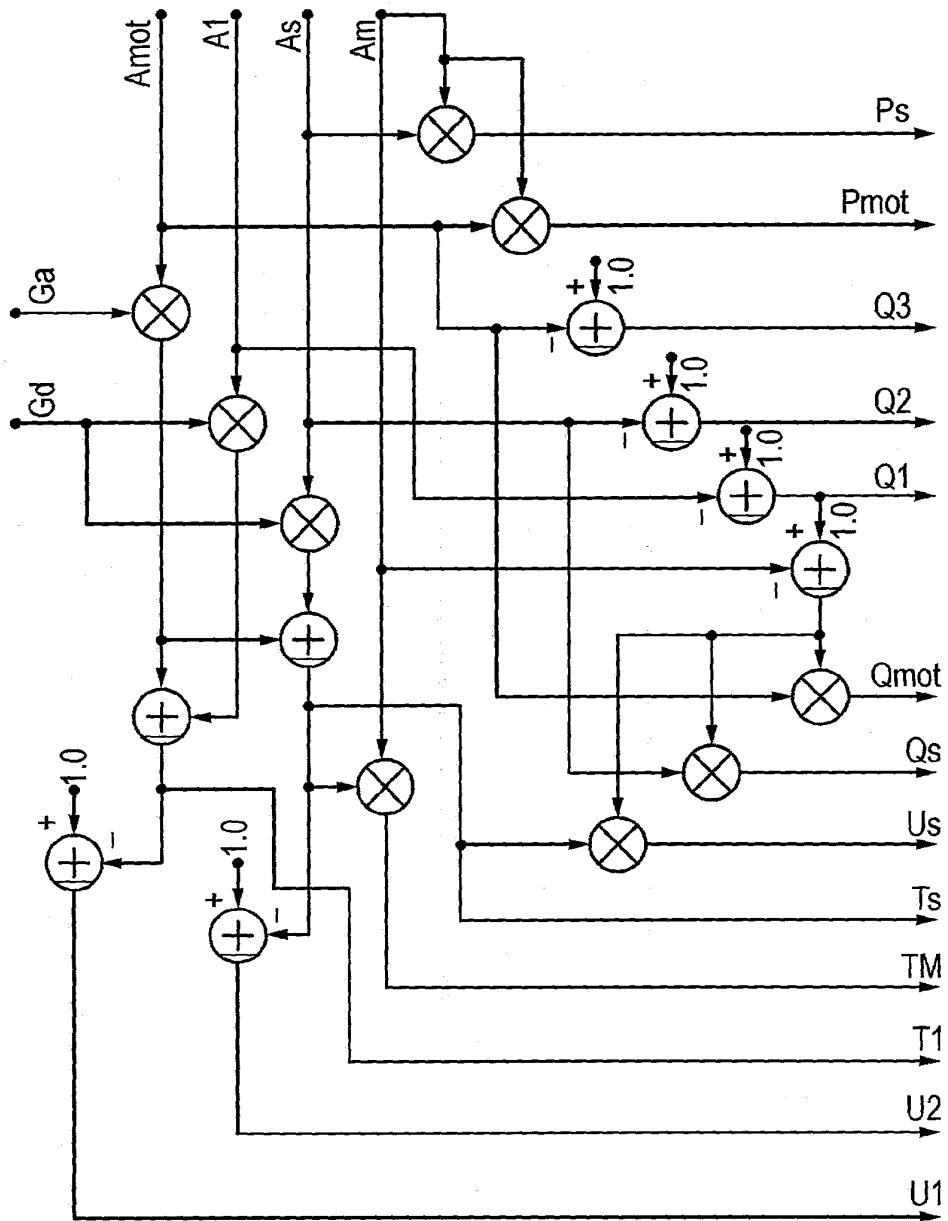


FIG. 6